



# City of Santa Barbara

## Drawing the Lines

2/28/2015

Douglas Johnson, President, NDC

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# Process and Criteria

Public workshops & input, followed by formal Council consideration:

- |                      |                                |
|----------------------|--------------------------------|
| □ Feb. 28            | Community Workshop #1          |
| □ Feb. 28 – March 13 | Time for Public Plan Proposals |
| □ March 18           | Community Workshop #2          |
| □ March 24           | Council Meeting                |
| □ March 30           | Council Meeting                |

\*Additional dates may be added if necessary

## Federal Laws

- ☐ Equal Population
- ☐ Federal Voting Rights Act

## Settlement Language

The intent of the Parties is the electoral district map shall include two electoral districts in which Latino eligible voters constitute a majority of the eligible voters according to the most recently available relevant estimates from the Census Bureau's American Community Survey, tailored to the greatest extent possible in a manner consistent with the applicable law . . . so as to address any issue of vote dilution.

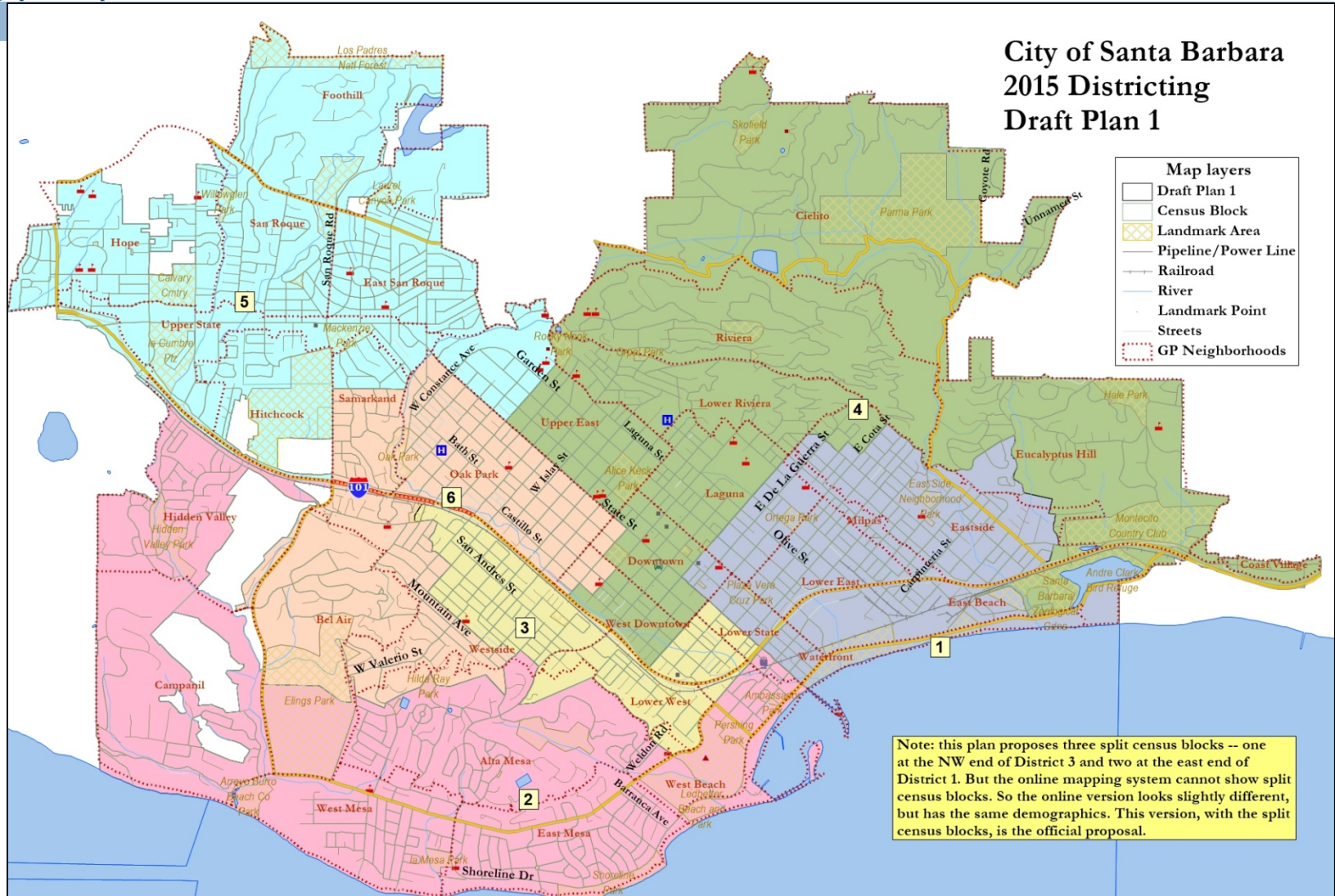
## Traditional Criteria

- ☐ Communities of interest
- ☐ Compact
- ☐ Contiguous
- ☐ Visible (Natural & man-made) boundaries
- ☐ Continuity in office

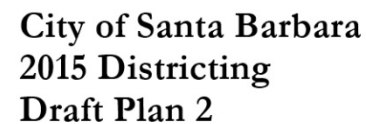
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# Initial Draft Plans

## Draft 1



## 7



- Map layers**
- Draft Plan 2
  - Census Block
  - Landmark Area
  - Pipeline/Power Line
  - Railroad
  - River
  - Landmark Point
  - Streets
  - GP Neighborhoods

## Draft 3



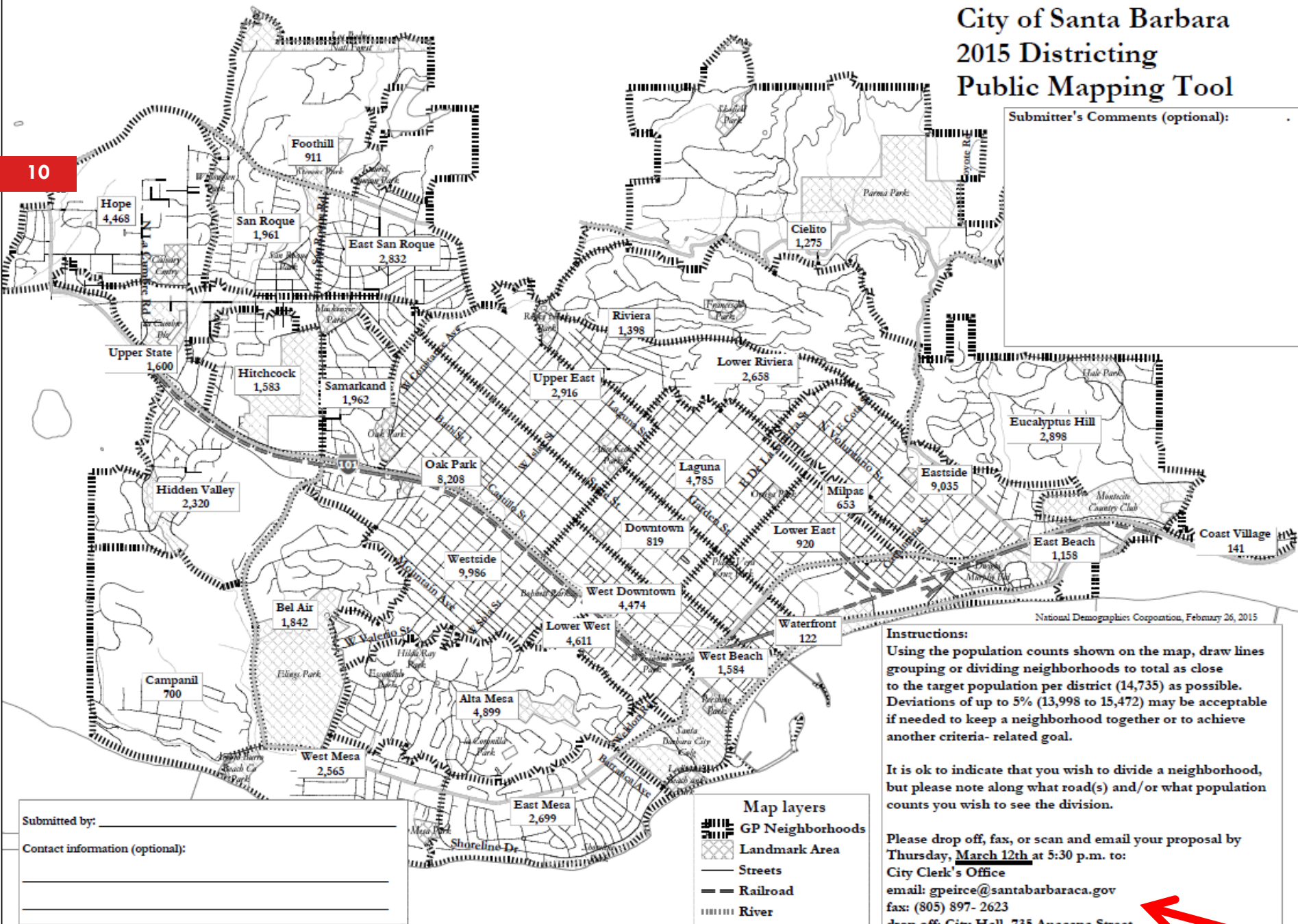
9

# Pen and Paper Tool

# City of Santa Barbara 2015 Districting Public Mapping Tool

Submitter's Comments (optional):

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## Online Tool

City site:

[http://civicaweb.santabarbaraca.gov/gov/vote/district\\_elections.asp](http://civicaweb.santabarbaraca.gov/gov/vote/district_elections.asp)

Online Tool:

<https://santabarbaraca.redistricting.esri.com/districting/districting.html>

# System requirements

- ◆ Adobe Flash Player version 10.2
  - ◆ No Mac access
- ◆ User account
  - ◆ Each user can create an account from the login page
  - ◆ Reset password on login page
- ◆ Allow pop-ups
  - ◆ May have to turn off pop-up blockers

# Launching Esri Redistricting Online

- ◆ Launch Esri Redistricting
- ◆ Create User account
  - ◆ Click Create an account
  - ◆ Enter account information
- ◆ First time users
  - ◆ License Agreement
  - ◆ Profile information
    - ◆ First name
    - ◆ Last name
    - ◆ Email address

## Subscriber Login

Username

Password

Login

[Create an account](#)

[Forgot your password?](#)

## Create Account

Please enter the following information for your Redistricting Online user account. All fields are required.

First name:

Last name:

Email address:

Username:

Password:

Confirm password:

## User Profile

Please enter the following information for your Redistricting Online user profile.

Username: eliz5245

First name:

Last name:

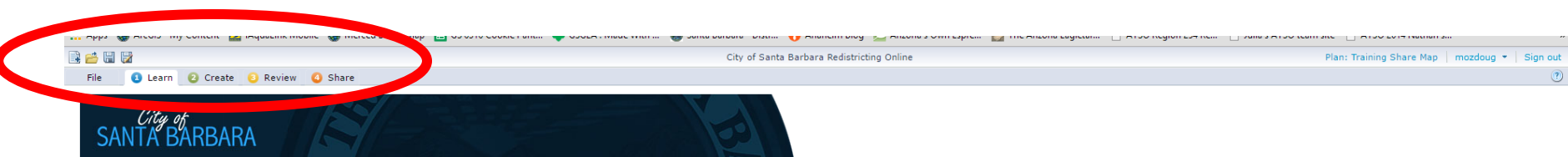
Email address:

Save

Cancel

# What you will see when you login...

## ◆ “Learn” Tab and links for other pages



### Welcome to Esri Redistricting Online!

Esri Redistricting Online assists state and local governments, advocacy groups, and the general public in drawing legislative and congressional redistricting plans following the 2010 U.S. Census. The foundation of Esri Redistricting Online is Esri's proven ArcGIS software platform and pertinent dataset components. ArcGIS software provides comprehensive features and functionality for plan management, visualization, editing, and community collaboration.

Esri Redistricting Online can be used for geographic redistricting and territory design. Esri Redistricting Online is a web-based application that establishes an online community where users can collaborate and share district plans. It uses GIS mapping technology, Esri data, and the latest available Census data to allow state and local government to prototype multiple redistricting scenarios before finalizing new boundaries.

Esri Redistricting Online provides online access to data content used by the community, including Census and PL 94-171 data. It includes tools to promote an increased collaboration between government and citizens. With Esri Redistricting Online and GIS, you can design optimal districts.

If you are new to the Esri Redistricting Online, start with the [Quick Tour](#), [Creating Plan](#), or read the [Frequently Asked Questions](#). Please refer to the help icon in the top right-hand corner of the page for assistance using the redistricting application functions.

### How to use this tool:



Here is a description of the numbered tabs at the top of this page that will guide you in the process of creating districts.

**1| Learn** This is the page you are on now and is the first step in the process.

**2| Create** Use the select tools and choose geographies to make district assignments. As you make assignments, the goal is to create balanced populations between districts.

**3| Review** View tables/charts that show the distribution of population within the districts you have created. The tables/charts are updated as you select and move populations between districts.

**4| Share** The share features allow you to invite friends and colleagues to view and /or comment on your plan. You can also invite others to build a plan together.

**To get started**, simply choose the **Create** tab, choose a district from the *Active District* menu. Choose a selection tool and select geographies by clicking or drawing on the map. The geographies selected will be assigned to the *Active District*.

In addition to the numbered tabs above, the **File** tab allows you to save and open plans you have created, open plans that people have shared with you, and print your plan. **Make sure to SAVE your plan.**

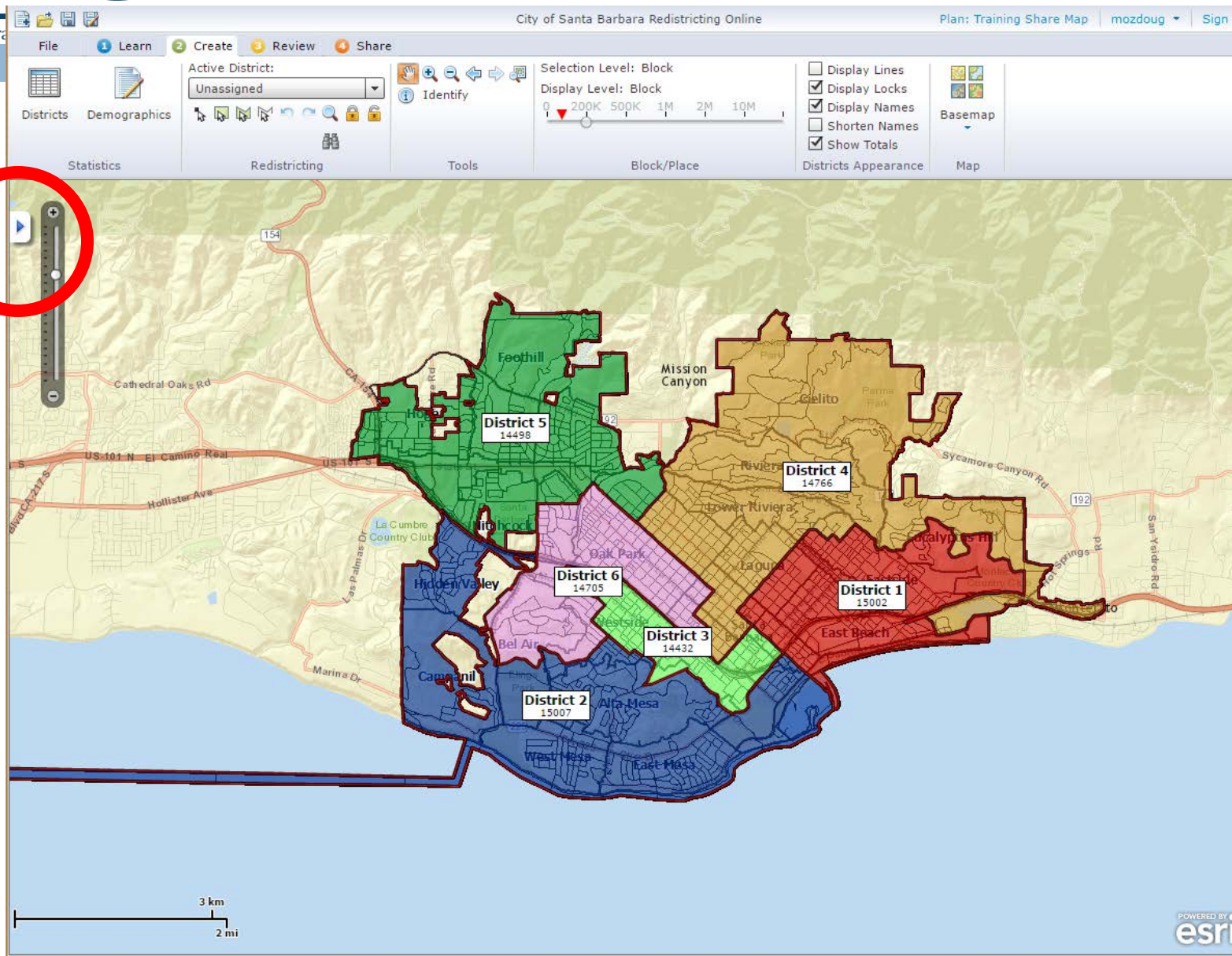
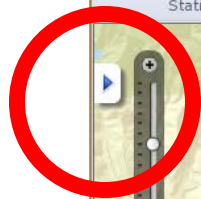
**Please refer to the help icon** in the top right hand corner of the page for assistance using the redistricting application functions.

For full and complete help, click [here](#).



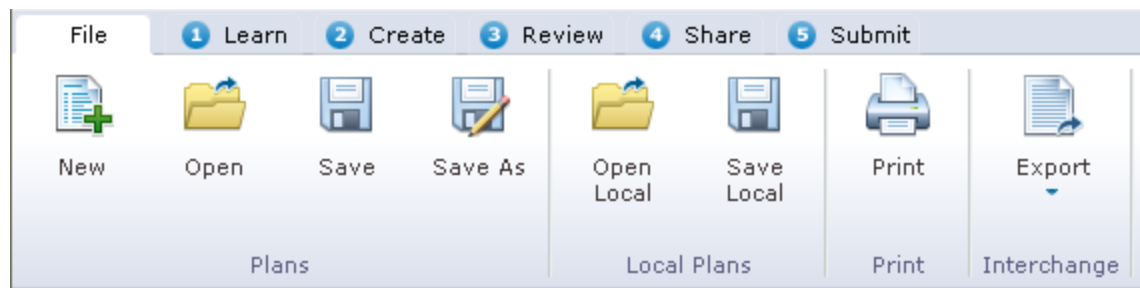
National Demographic

# Esri Redistricting Online Interface

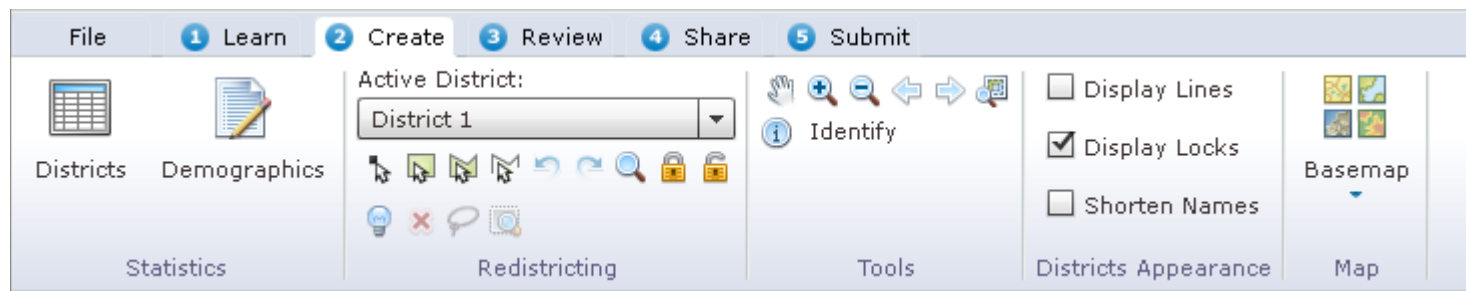


# File overview

- ◆ Tools to work with saved or existing plans
  - ◆ Create a new plan
  - ◆ Open a plan
  - ◆ Save a plan
  - ◆ Print
  - ◆ Export



- ◆ Tools to create a redistricting plan
  - ◆ District Statistics dialog
  - ◆ Change visible demographics
  - ◆ Assignments and locking
  - ◆ Map navigation
  - ◆ District appearance
  - ◆ Adding a Basemap to the plan



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- The screenshot shows the ArcGIS Desktop interface. The 'Statistics' pane on the left has the 'Districts' layer selected. The 'Active District' dropdown in the 'Redistricting' pane is set to 'District 1'. The 'Tools' pane on the right shows the 'Identify' tool.

**District Statistics**

Current Proposed Assigned

District	Hide	Lock	Color	TOTAL	WHITE	BLACK	HISPANIC
District 1	<input type="checkbox"/>	<input type="checkbox"/>		106,729	48,304	16,311	28,902
District 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>		52,975	20,947	8,640	18,192
District 3	<input type="checkbox"/>	<input checked="" type="checkbox"/>		50,645	38,323	2,638	8,887
District 4	<input type="checkbox"/>	<input checked="" type="checkbox"/>		45,703	25,581	4,682	8,114
District 5	<input type="checkbox"/>	<input type="checkbox"/>		46,514	20,682	7,671	16,112
District 6	<input type="checkbox"/>	<input type="checkbox"/>		49,879	23,505	4,345	14,948
District 7	<input type="checkbox"/>	<input checked="" type="checkbox"/>		52,585	18,094	9,569	11,581
District 8	<input type="checkbox"/>	<input type="checkbox"/>		61,458	14,570	14,479	18,540

Number of Districts:  Target Mean = 58,311

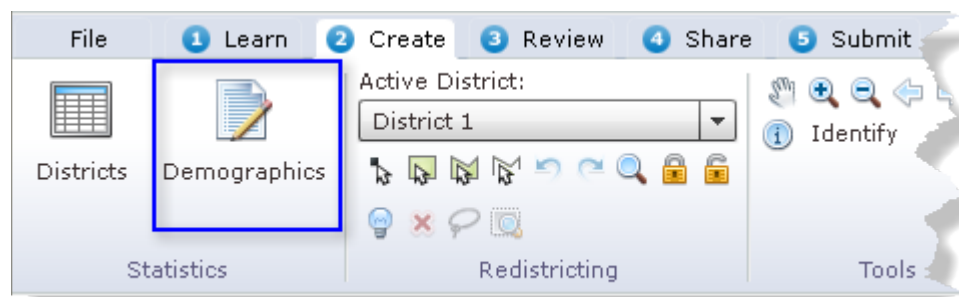
# Demographics dialog

## ◆ Demographics

- ◆ Sum (total)
- ◆ Percent

## ◆ Impacts

- ◆ District Statistics dialog
- ◆ Charts







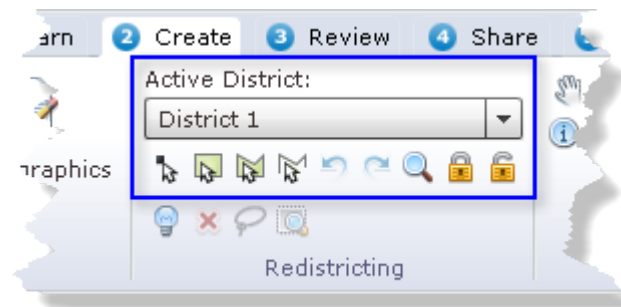
Demographics				
Field Name	Set ▼	Sum	Percent	Ideal
TOTAL	Universe	<input checked="" type="checkbox"/>	<input type="checkbox"/>	58,311
WHITE	Standard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	26,251
BLACK	Standard	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	9,231
AIAN	Standard	<input type="checkbox"/>	<input type="checkbox"/>	1,085
ASIAN	Standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	11,495
OTHER	Standard	<input type="checkbox"/>	<input type="checkbox"/>	7,796
TOTAL_DEV	Custom	<input type="checkbox"/>	<input type="checkbox"/>	-7,289

# Assign geographies

## ◆ Select Active District

## ◆ Selection Tools

- ◆ Select a Geography 
- ◆ Select Geographies by Rectangle 
- ◆ Select Geographies by Polygon 
- ◆ Selecting Geographies by Polyline 



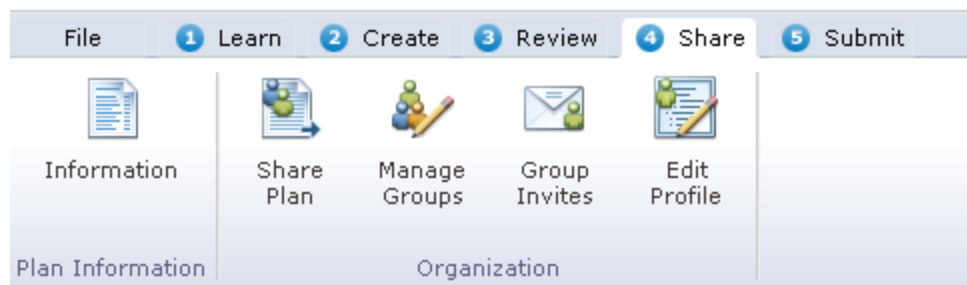
# Review Tab

- ◆ Tools to review a redistricting plan
  - ◆ Integrity Check: Connectivity
  - ◆ Markup and annotation



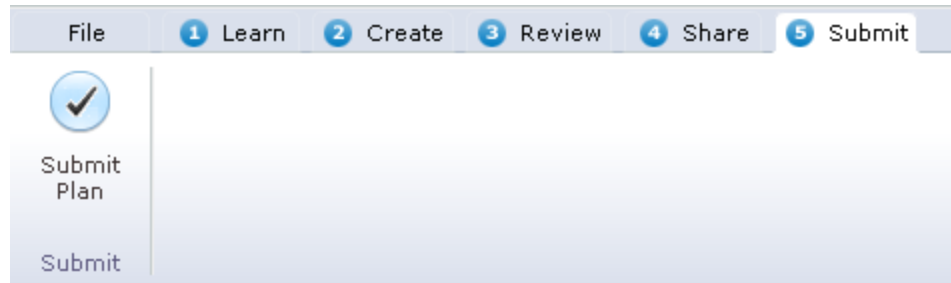
# Share Tab

- ◆ Tools to share a redistricting plan with others
  - ◆ Share Plan allows you to share your current plan with others
  - ◆ Edit Profile lets you update user information and password



# Submit Tab

- ◆ Submits the plan to for redistricting consideration
- ◆ Contact information
- ◆ Plan information
- ◆ Submission attachment to plan
- ◆ Cannot resubmit plan



# Discussion / Q&A

